

DRIP COVER FOR FLOOR POLISHING MACHINE

Abstract

Floor polishing machines include a motor housing, mounted vertically above the base of the machine that contains and protects the motor of the machine. A drip cover that may have a convex shape is mounted on the top of the motor housing and offset from the housing to provide a space between the housing and the cover through which air can flow to cool the motor during operation of the polishing machine. The drip cover has a cylindrical skirt that extends axially from the drip cover to surround the upper portion of the motor housing. Formed concentrically with the skirt, on the inner surface of the drip cover is a cup sized to accept, hold and protect the upper bearing of the motor. The drip cover further includes a downwardly facing electrical inlet or plug attached to the inner surface of the cover within the cylindrical skirt.